

REPORT
OF THE
JOINT COMMITTEE
OF THE
TWENTY-FIFTH GENERAL ASSEMBLY
OF THE
STATE OF IOWA,
APPOINTED TO VISIT THE
AGRICULTURAL COLLEGE
LOCATED AT
AMES.

PUBLISHED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:
G. H. RAGSDALE, STATE PRINTER.
1894.

REPORT.

To the Twenty-fifth General Assembly of the State of Iowa:

Your joint committee appointed to visit the Agricultural College at Ames, ask leave to report that they have attended to the duties assigned them and submit the following:

First. Your committee find that the appropriations made to said institution by the Twenty-fourth General Assembly, have been expended as economically as could be expected and for the objects named in the act appropriating the same.

Second. Your committee find no indebtedness contracted in excess of said appropriations.

Third. Your committee find that the money appropriated, seems to have been applied strictly for the purposes named in the act appropriating the same.

Fourth. That the law relating to drawing money from the State treasury has been complied with, and no money has been drawn until needed for payment, and in a case of overdraft of a small amount, the same was returned to the State treasury as required by law.

Fifth. Your committee find that the Board of Trustees have allowed the following salaries to instructors for the year beginning March 1, 1894, which is slightly in excess of amounts paid in 1893.

W. M. Beardshear, President.....	\$ 3,850.00
M. Stalker, Veterinary Science.....	1,600.00
J. L. Budd, Horticulture.....	2,000.00
E. W. Stanton, Mathematics and Secretary of Board.....	2,200.00
J. R. Lincoln, Military Science.....	1,800.00
A. A. Bennett, Chemistry.....	1,600.00
Herbert Osborn, Zoology and Entomology	1,600.00
A. C. Barrows, English Literature and History.....	1,800.00
L. H. Pammel, Botany	1,800.00
Mrs. Eliza Owens, Domestic Economy.....	800.00
James Wilson, Agriculture and Director Experimental Station.....	2,500.00
G. E. Patrick, Agricultural Chemistry.....	1,600.00
Miss Margaret Dolittle, Languages	900.00
W. S. Franklin, Physics.....	2,000.00
G. W. Bissell, Mechanical Engineering	1,800.00
A. Marston, Civil Engineering.....	1,600.00
Miss Celia Ford, Preceptress and Languages.....	1,200.00
I. W. Smith, Pathology.....	1,800.00
D. A. Kent, Agriculture.....	1,500.00

C. F. Curtis, Station Assistant.....	\$ 1,700.00
W. B. Niles, Veterinary Science.....	1,700.00
W. H. Meeker, Mechanical Engineering.....	1,400.00
Marie L. Chambers, Elocution.....	900.00
N. E. Hansen, Horticulture.....	800.00
H. E. Wallace, Dairying.....	1,700.00
Herman Knapp, Treasurer and Recorder.....	1,500.00
Miss Genevieve Westerman, Music.....	100.00
S. W. Beyer, Geology and Zoology.....	800.00
L. B. Spinney, Engineering.....	800.00
Miss Minnie Roberts, Mathematics.....	750.00
Miss Julia Wentch, Mathematics.....	600.00
T. C. Stewart, Botany.....	550.00
Leo Thurlimann, Chemistry.....	500.00
Miss Emma Pammel, Chemistry.....	125.00
S. R. Fitz, Chemist.....	125.00
Miss Elmina Wilson, Civil Engineering.....	300.00
T. Lenox, Civil Engineering.....	1,000.00
H. Nordstrom, Civil Engineering.....	600.00
W. W. Clark, Civil Engineering.....	540.00
W. W. Clark, Blacksmithing.....	360.00
Miss Flora Wilson, Library.....	500.00
..... Library Assistant.....	100.00
C. W. Day, Veterinary Science.....	200.00
F. A. Sissim, Entomology.....	400.00
W. H. Heileman, Chemistry.....	400.00

Your committee also find that Professors Bennett, Osborn, Wilson, Kent, Patrick, Marston and Stanton are allowed to occupy dwellings upon the college grounds, which adds \$200.00 each to their salaries as listed above.

Miss Genevieve Westerman, teacher of music, is allowed tuition fees in addition to her salary.

Your committee also find that there has been a large number of employes engaged at different times in work on the farm, garden, in creamery, in steward's and janitor's service, and as clerks, who have been paid about the ordinary wages for such service.

Your committee is unable to report the names of employes, and character of such service in detail, without having audited secretary's accounts, which was considered unnecessary, even had there been time. For detailed statement of such expenditures, see fifteenth biennial report of the trustees of the Iowa State Agricultural College.

Your committee also find that the farm, horticultural, creamery and steward's departments are nearly self-sustaining, except as to cost of instruction and permanent improvements.

Sixth. Your committee respectfully refer the Honorable Assembly to the fifteenth biennial report of the Board of Trustees for a list of the College for further appropriations. Your committee are of the opinion that the dormitories for the accommodation of students are in urgent need of repairs, and that for the best interests of the school and pupils, the lady students attending should be provided with a separate dormitory, not be compelled to room as now in the main College building. The Board of Trustees submit a plan for a building for ladies dormitory

to accommodate two hundred students, parlors, rooms for instruction in domestic economy, dining room and kitchen service for all students, which is very complete in its arrangements and estimate its cost at seventy-five thousand dollars.

If the school is to be materially increased as to attendance, some additional accommodations are urgently needed. With an increase of buildings an increased water supply becomes absolutely necessary. The present supply barely meets present needs, and would be entirely inadequate in case of fire. The Board compute that at a cost of about twenty-two thousand dollars (\$22,000) they could provide a supply sufficient for all demands that could be made upon it.

Your committee is of the opinion that one of the first needs of the Agricultural College is an adequate water supply for fire protection for the buildings already there, before any additional buildings are constructed, and that in order to furnish said water supply economically, it is advisable to have a perfect system of water supply established that will be sufficient for some years to come.

Your committee is satisfied that the present annual appropriation of two thousand dollars (\$2,000) is insufficient to keep the building in good and proper repair, and that the same must be increased by a considerable amount.

The Board of Trustees, realizing the importance of the dairy interests in our State, and the great need of experimental work in that direction and the necessity of increased instruction in the handling of milk and the production of butter and cheese, have devoted all the means at their disposal to building and properly equipping a creamery plant which is doing a large business in manufacturing butter and cheese and making it pay its way, except cost of instruction, while it is annually fitting a large force of young men to take positions in creamery work at good wages for themselves and with profit to the State in the increased interest developed in the industry.

The professor in dairying urges an appropriation to enlarge the working room, to enable him to add to the creamery work instructions in farm dairying. Your committee believe that such instruction should be added to this important department.

A part of the buildings only are lighted by electricity. To light all will require an increased plant equal to that in present use, and the trustees ask an appropriation of eight thousand dollars (\$8,000.00) therefor.

A part of the buildings are warmed by stoves. The trustees desire to extend and enlarge the steam heating arrangements, and desire five thousand dollars (\$5,000.00) for such improvement. We call the attention of the General Assembly to these needs without making any recommendations thereon.

The trustees ask nine thousand dollars (\$9,000.00) to build and equip a forge shop and foundry. Your committee is of opinion that some additional facilities are necessary for the proper instruction and training in mechanical engineering.

The appropriations asked for by the officers of the institution are based upon a broad and comprehensive plan for the full development of the conduct and instruction of the institution in the future, and looks to a complete system of thorough instruction in all the branches of mechanical, scientific and agricultural knowledge.

The attendance of pupils at the college has largely increased in the last biennial period, and might, with increased facilities for boarding and rooming students, be largely increased still without materially increasing the expense of instruction.

Seventh. In regard to purchase of supplies for the institution, building new buildings, etc., your committee find that in most instances requiring large expenditures, the trustees have advertised for and let contracts under competitive bidding.

In the smaller expenditures they have sometimes asked for bids and let the contracts under the same, and in other instances when in their opinion they could do better for the institution, they have hired day labor, or let the jobs by private contract, for the doing of the work.

Your committee believe that the officers of the institution are thoroughly interested in the success and progress of the college work, and are striving to build up an institution which shall be a pride and honor to the State; an institution differing from all other of the State institutions, in that it proposes to educate the brain to plan, and the hand to execute with skill, the various mechanical, scientific and agricultural processes, which tend to make strong men and earnest women, who will carry into their future work that intelligence, skill and ability to develop the resources of the farm, the mine and the workshop, which shall give Iowa a proud position in the nation.

Respectfully submitted,

L. M. KILBURN,

Committee on behalf of the Senate.

W. B. MARTIN,

CHAS. I. BARKER,

Committee on behalf of the House.